

# Agenda:

## Friday, December 9

**6:00 a.m.**      **Registration — Third Floor Promenade**  
**Continental Breakfast — America's Hall**

### Introductions

**7:15 a.m.**      **Shalom Jacobovitz**  
Chief Executive Officer  
American College of Cardiology

**Richard A. Chazal, MD, FACC**  
President  
American College of Cardiology

**Timothy J. Malins, MD, FACC**  
President, New York State Chapter  
American College of Cardiology

### Cardiovascular and Coronary Artery Disease — Challenges in 2016

#### Session I: New Frontiers

Dr. Bhatt, Presiding

**7:30 a.m.**      **New Frontiers in Cardiovascular Scientific and Funding Challenges**  
**From Disease to Health, From Aging to Birth**  
Dr. Fuster

**8:00 a.m.**      **New Frontiers in Atherosclerotic Disease and Myocardial Infarction**  
**From Local Inflammation to Systemic Progenital Stem Cells Reaction**  
Dr. Nahrendorf

**8:25 a.m.**      **New Frontiers in the Evolving Field of Omics**  
**From Generic to a Personalized Cardiovascular Disease Management**  
Dr. Roberts

**8:50 a.m.**      **Panel Discussion**  
Drs. Fuster, Nahrendorf and Roberts

**9:20 a.m.**      **Coffee Break – America's Hall**

#### Session II: Acute Coronary Syndromes

Dr. Halperin, Presiding


**9:40 a.m.**      **STEMI 1 – Timing to Reperfusion/Reperfusion Injury**  
**A Multi-layer Challenge to Decrease Infarct Size**  
Dr. Ibanez

**10:05 a.m.**      **STEMI 2 – Complete vs. Lesion Only Primary PCI**  
**Towards a Personalized Approach**  
Dr. Bhatt

# Agenda - cont.:

## Friday, December 9 - cont.

**10:30 a.m.**      **STEMI vs. NSTEMI vs. STABLE CAD – Post PCI Optimal DAPT Duration  
Scoring the Complexity of Stenting and Disease**  
Dr. Yeh

**10:55 a.m.**      **STEMI vs. NSTEMI vs. STABLE CAD – Five Challenging Cases**   
**Five Challenging Antithrombotic Approaches**  
Dr. Halperin

**11:20 a.m.**      **Panel Discussion**  
Drs. Bhatt, Halperin, Ibanez and Yeh

**12:00 p.m.**      **Lunch – America's Hall**

### **Session III: Chronic Coronary and Systemic Arterial Disease** Dr. Gersh, Presiding

**1:00 p.m.**      **Complex Stable CAD – Evolving Management Strategies**  
**Anatomy (SYNTAX), Ischemia (FFR) and the Microcirculation (PET, CT, MRI)**  
Dr. Fuster

**1:25 p.m.**      **Revascularization in Severe Left Ventricular Dysfunction**  
**Approach and Is the Assessment of Viability Still Viable?**  
Dr. Gersh

**1:45 p.m.**      **Acute Ischemic Stroke vs. Chronic Carotid Artery Stenosis**  
**Evolving Acute Endovascular Approaches vs. Watching and Thinking**  
Dr. Yavagal


**2:05 p.m.**      **Evolving Challenges in the Evaluation and Treatment of Lower Extremity PAD**  
**The Peripheral Academic Research Consortium (PARC)**  
Dr. Jones

**2:25 p.m.**      **Panel Discussion**  
Drs. Fuster, Gersh, Jones and Yavagal

**2:55 p.m.**      **Coffee Break – America's Hall**

### **Session IV: Trends and Challenges of Approaching Prevention** Dr. Chazal, Presiding



**3:15 p.m.**      **Chest Pain Evaluation**  
**No Test, Stress Test or CT Angio?**  
Dr. Douglas

**3:35 p.m.**      **Aspirin Therapy in Primary Cardiovascular Disease (CVD) Prevention**   
**Only for Those at High CVD Risk, the Dose under Trials**  
Dr. Patrono



Denotes contact hours in pharmacotherapeutics for nursing

## Agenda - cont.:

- 3:55 p.m. Four Evolving “Thinkings” on Lipid Evaluation and Management  
Cholesterol Genetics, ApoB, HDL-Influx Capacity and PCSK 9 Inhibitors   
Dr. Rader
- 4:15 p.m. Three Evolving “Thinkings” on Patients with High Blood Pressure (pHBP)  
Identify All pHBP, Reduce Salt in All Foods and Personalize BP Rx Targets   
Dr. Messerli
- 4:35 p.m. The Four “Links” of Obesity – Diabetes, Fatty Liver, Cardiomyopathy and AF  
The Potential Benefit and Rapid Evolution of Bariatric Surgery  
Dr. Farkouh
- 4:55 p.m. Panel Discussion   
Drs. Douglas, Farkouh, Messerli, Patrono and Rader
- 5:30 p.m. Adjournment




### Saturday, December 10

- 6:15 a.m. Third Floor Promenade  
Continental Breakfast – America’s Hall

#### Cardio-Pulmonary and Electrical Failure 2016

##### Session V: Systolic Heart Failure and Basis for Management

Dr. O’Connor, Presiding

- 7:00 a.m. Imaging Diagnostic/Prognostic Approaches to Six Cardiomyopathies:  
Myocarditis, Dilated, Amyloid, Sarcoid, Hypertrophic, Non-compaction  
Dr. Garcia
- 7:25 a.m. Clinical/Therapeutic Approaches to Three Specific Cardiomyopathies:  
Acute/Subacute Myocarditis, AL/TTR Amyloid, Non-compaction   
Dr. Dec
- 7:50 a.m. Systolic Dysfunction – Early Diagnosis and Therapeutic Advances  
Prognostic Circulating Neprilysin and Therapeutic Neprilysin/Enalapril   
Dr. Bayes-Genis
- 8:15 a.m. Diastolic Dysfunction – Early Diagnosis and Therapeutic Failures  
Should Management Be Focused on the Comorbidities?  
Dr. O’Connor
- 8:40 a.m. Support Devices for Acute CHF and Destination LVADs to Exclude Transplant  
Expectations, Indications, Benefits and Risks  
Dr. Mancini
- 9:05 a.m. State-of-the-Art Management of Pulmonary Arterial Hypertension:  
Based on Understanding of the Various Etiopathogenesis   
Dr. McLaughlin



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## Agenda - cont.:

### Saturday, December 10 - cont.

**9:30 a.m. Panel Discussion**  
Drs. Bayes-Genis, Dec, Garcia, Mancini, McLaughlin and O'Connor



**10:00 a.m. Coffee Break – America's Hall**

### **Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus**

Dr. Reddy, Presiding

**10:20 a.m. Innovations in Device Therapy and Follow-up Results**  
**Subcutaneous ICDs, CRTs New Indications, Leadless Pacemakers**  
Dr. Wilber

**10:40 a.m. Ventricular Tachycardia – Catheter Ablation**  
**Who? How? When? Results?**  
Dr. Reddy

**11:00 a.m. Atrial Fibrillation – Catheter Ablation**  
**Who? How? When? Results?**  
Dr. Marchlinski

**11:20 a.m. Atrial Fibrillation 2016 – The Fourteen Non-ablation Clinical Challenges**  
**Quality of Life and Preventing Stroke**  
Dr. Fuster

**11:40 a.m. Left Atrial Appendage Closure as an Alternative to Anticoagulants**  
**Who? How? When? Results?**  
Dr. Holmes



**12:00 p.m. Panel Discussion**  
Drs. Fuster, Holmes, Marchlinski, Reddy and Wilber

**12:30 p.m. Lunch – America's Hall**

### **Valvular Heart Disease and Aorta — Challenges in 2016**

### **Session VII: Management of Aortic Valve Disease, IHSS and Aorta**

Dr. Leon, Presiding

**1:30 p.m. Asymptomatic Severe Aortic Valvular Stenosis**  
**Diagnostic Approaches and Therapeutic Strategies (LF/LG/NEF/LEF)**  
Drs. Leon and Vahl

**1:55 p.m. Symptomatic Severe Aortic Valvular Stenosis (LF/LG/NEF/LEF)**  
**TAVR in Patients at High, Moderate or Low Risk**  
Drs. Bavaria and Sharma

**2:20 p.m. Symptomatic and Asymptomatic Aortic Valvular Incompetence**  
**From Medical Therapy to Surgical AVR to Transcatheter AVR (?)**  
Drs. Bonow and O'Gara



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## Agenda - cont.:

- 2:45 p.m.      **Obstructive and Non-obstructive Hypertrophic Cardiomyopathy**  
Prevalence, Genetics, Natural History and Evolving Management  
Dr. Maron
- 3:10 p.m.      **The Dilated Thoracic and Abdominal Aorta and Complicating Dissection**  
Evolving Understanding of the Basic Biology and Management  
Dr. Fuster
- 3:35 p.m.      **Panel Discussion**  
Drs. Bavaria, Bonow, Fuster, Leon, Maron, O’Gara, Sharma and Vahl
- 4:00 p.m.      **Coffee Break – America’s Hall**

### Session VIII: Management of Mitral Regurgitation

Dr. Bavaria, Presiding

- 4:20 p.m.      **Symptomatic and Asymptomatic Secondary Mitral Regurgitation (EF, PH, AF)**  
From Medical Therapy to Surgical MVR to Transcatheter MVR (?)  
Drs. Bavaria and Bonow
- 4:45 p.m.      **Symptomatic and Asymptomatic Primary Mitral Regurgitation (EF, PH, AF)**  
From Medical Therapy to Surgical MVR to Transcatheter MVR  
Drs. O’Gara and Rodes-Cabau
- 5:10 p.m.      **Transcatheter Therapies for Mitral and Tricuspid Regurgitation**  
Evolving Approaches Under Investigation  
Dr. Rodes-Cabau
- 5:30 p.m.      **Panel Discussion**  
Drs. Bavaria, Bonow, O’Gara and Rodes-Cabau
- 6:00 p.m.      **Adjournment**

## Sunday, December 11

- 6:30 a.m.      **Continental Breakfast – America’s Hall**

### Year in Review: 10 Highlights of Progress in 2016

### Session IX: Novelties on Genetics, Cell Regeneration and Molecular Signaling

Dr. Fuster, Presiding

- 7:30 a.m.      **MicroRNAs and Genome Editing – Two Evolving Protagonists in Medicine**  
A New Understanding of Cardiovascular Physiology, Pathology and Future  
Therapies  
Dr. Dorn
- 7:55 a.m.      **Induced Pluripotent Stem Cells and Direct Cardiac Reprogramming – Solving Barriers for a**  
**Powerful Future**  
The 2016 New Experimental and Clinical Information  
Dr. Ieda

## Agenda - cont.:

### Sunday, December 11 - cont.

8:15 a.m.      **Gene Therapy Studies on the “Go” – Solving New Barriers**  
**The 2016 New Cardiovascular Information**  
Dr. Hajjar

#### Section X: Novelties on Diagnostic and Therapeutic Strategies

8:35 a.m.      **Diagnostic and Therapeutic Trends in Congenital Heart Disease**  
**Watch the Next Decade**  
Dr. Newburger

8:55 a.m.      **An Evolving Reality of Medicine, Part Genetic, Part Acquired**  
**Two Tangible Examples – The Long QT and The Brugada Syndrome**  
Dr. Brugada

9:15 a.m.      **The Rapid Progress of Cardiovascular Imaging**  
**Redefining Its Role in Biomedical Research and Clinical Practice**  
Dr. Di Carli

9:35 a.m.      **Handheld Echocardiography – It Depends What Hands Are Holding It**  
**Educational? Diagnostic? Overshadowing the Physical Examination?**  
Dr. Goldman

9:55 a.m.      **Hybrid Coronary Revascularization**  
**An Evolving Paradigm in Coronary Care**  
Dr. Puskas

10:15 a.m.      **Coffee Break – America’s Hall**

#### Section XI: Perspectives of the Future Based on the Past

10:35 a.m.      **HENRY RUSSEK LECTURE 2016**  
**“The Heart Healers”**  
**Rebels and Risk Takers Behind the Medical Breakthroughs of Our Lives**  
Dr. Forrester

11:10 a.m.      **PAUL DUDLEY WHITE LECTURE 2016**  
**Experiences from the Platform of “60 Years of Observations”**  
**A Few Reflections for the Medical and Cardiovascular Communities**  
Dr. DeSanctis

11:45 a.m.      **Course Adjournment**